10/730642

Refine Search

Search Results -

Terms	Documents
L6 and (predict\$ with destinat\$)	7

US Pre-Grant Publication Full-Text Database US Patents Full-Text Database

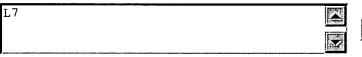
Database:

US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database **Derwent World Patents Index**

IBM Technical Disclosure Bulletins

Search:

<u>Set</u>



Refine Search







Search History

DATE: Friday, February 02, 2007 **Purge Queries** Printable Copy **Create Case**

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	$PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; \ THES=ASSIGNEE; \ PLUR=YBOC, EPAB, DWPI, TDBD; \ $	ES;	
OP=OR			
<u>L7</u>	L6 and (predict\$ with destinat\$)	7	<u>L7</u>
<u>L6</u>	14 or L5	315	<u>L6</u>
<u>L5</u>	predict\$ and learn\$ and (pattern adj recogni\$) and destinat\$ and (vehicle or car or automobile) and @pd<=20031208	204	<u>L5</u>
<u>L4</u>	predict\$ and learn\$ and (pattern adj recogni\$) and destinat\$ and (vehicle or car or automobile) and @ad<=20031208	314	<u>L4</u>
DB=F	PGPB, USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L3</u>	L1 AND ATTRIBUT\$2	2	L3
DB=U	JSPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L2</u>	7143091.PN.	1	L2
DB=F	PGPB, USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L1</u>	6330453.PN. OR 20030055555 OR 20030004636 7143091PN.	3	<u>L1</u>

END OF SEARCH HISTORY

First Hit Fwd Refs

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Next Doc

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End of Result Set

Generate Collection Print

L7: Entry 7 of 7

File: USPT

Oct 11, 1994

US-PAT-NO: 5354957

DOCUMENT-IDENTIFIER: US 5354957 A

TITLE: Artificially intelligent traffic modeling and prediction system

DATE-ISSUED: October 11, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Robertson; Euan Polmont

GB6

ASSIGNEE-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

TYPE CODE

Inventio AG

Hergiswil

CH

0.3

APPL-NO: 08/049091 [PALM]
DATE FILED: April 16, 1993

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY

APPL-NO

APPL-DATE

GB

9208466

April 16, 1992

INT-CL-ISSUED: [05] B66B 1/18

INT-CL-CURRENT:

TYPE IPC

DATE

CIPS <u>B66</u> <u>B</u> <u>1/18</u> 20060101

CIPS B66 B 1/20 20060101

US-CL-ISSUED: 187/247; 187/387 US-CL-CURRENT: <u>187/247</u>; <u>187/387</u>

FIELD-OF-CLASSIFICATION-SEARCH: 187/127, 187/124, 187/132, 187/137

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clean

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
5022497	June 1991	Thanagavelu	187/124
5024295	June 1991	Thanagavelu	187/125

FOREIGN PATENT DOCUMENTS

PUBN-DATE	COUNTRY	CLASS
December 1989	EP	
May 1991	GB	
January 1992	GB	
	December 1989 May 1991	December 1989 EP May 1991 GB

OTHER PUBLICATIONS

Mechatronics, vol. 2, No. 1, Ovaska, Electronice and Information Technology in Hi-Range Systems, pp. 89-99, Feb. 19, 1992, Great Britain.

ART-UNIT: 212

PRIMARY-EXAMINER: Stephan; Steven L.

ASSISTANT-EXAMINER: Nappi; Robert

ATTY-AGENT-FIRM: Howard & Howard

ABSTRACT:

A system for allocating hall calls in a group of elevators includes a plurality of neural network modules to model, <u>learn and predict</u> passenger arrival rates and passenger <u>destination</u> probabilities. The models <u>learn</u> the traffic occurring in a building by inputting to the neural networks traffic data previously stored. The neural networks then adjust their internal structure to make historic <u>predictions</u> based on data of the previous day and real time <u>predictions</u> based on data of the last ten minutes. The <u>predictions</u> of arrival rates are combined to provide optimum <u>predictions</u>. From every set of historic <u>car</u> calls and the optimum arrival rates, a matrix is constructed which stores entries representing the number of passengers with the same intended <u>destination</u> for each hall call. The traffic <u>predictions</u> are used separately or in combination by a group control to improve operating cost computations and <u>car</u> allocation, thereby reducing the travelling and waiting times of current and future passengers.

9 Claims, 10 Drawing figures

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Hit List

First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20060053014 A1

L7: Entry 1 of 7

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060053014

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 2006/0053014 A1

TITLE: Standard model creating device and standard model creating method

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Yoshizawa; Shinichi

Hirakata-shi

JP

US-CL-CURRENT: 704/256.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawt Dr
								•				

☐ 2. Document ID: US 20060036560 A1

L7: Entry 2 of 7

File: PGPB

Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060036560

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060036560 A1

TITLE: Intelligently interactive profiling system and method

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME CITY

STATE

COUNTRY

Fogel; DavidB

San Diego

CA

US

US-CL-CURRENT: <u>706/45</u>; <u>702/182</u>, <u>706/12</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

☐ 3. Document ID: US 20050125148 A1

L7: Entry 3 of 7

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 200501/25148

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050125148 A1

TITLE: Prediction of vehicle operator destinations

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Van Buer, Darrel J.	Los Angeles	CA	US
Johnson, Richard A.	Rochester Hills	MI	US
Dao, Son K.	Northridge	CA	US
Simon, Andrea Marie	Walled Lake	MI	US

Full Title Citation Front Review Classification Date Reference Securences Attachin

US-CL-CURRENT: 701/209; 340/995.19

1	1 4 1	III	e i Citati	on Tions	Mediedo	Classification	Date Reference	Sedaeuces	Altacriments	Claims	KOOL	MISMO NE
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☐ 4. Document ID: US 20020065828 A1

L7: Entry 4 of 7

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065828

PGPUB-FILING-TYRE: pew

DOCUMENT-IDENTIFIER: US 20020065828 A1

TITLE: Network communication using telephone number URI/URL identification handle

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Goodspeed, John D.

Annapolis

MD

US

US-CL-CURRENT: <u>707/100</u>; <u>707/10</u>, <u>709/218</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KORAC	Draw De
	·	•										

☐ 5. Document ID: US 6925432 B2

L7: Entry 5 of 7

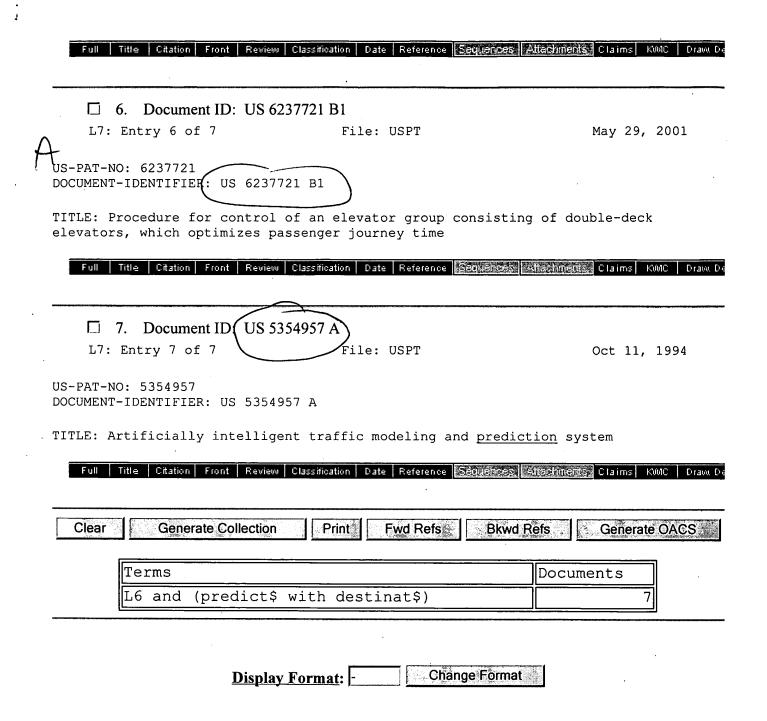
File: USPT

Aug 2, 2005

US-PAT-NO: 6925432

DOCUMENT-IDENTIFIER: US 6925432 B2

TITLE: Method and apparatus using discriminative training in natural language call routing and document retrieval



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